

CURRICULUM VITAE**MARIA ROSANA PONISIO, M.D.****Date:** July 07, 2020**Citizenship:** Argentina**Visa Status:** Permanent Resident**Contact Information**

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Present Position

Assistant Professor of Radiology, Division of Nuclear Medicine
 Program Director, Nuclear Medicine Residency Program
 Mallinckrodt Institute of Radiology
 Washington University School of Medicine
 St. Louis, MO 63110

Board of Directors, Society of Nuclear Medicine and Molecular Imaging

Education

Undergraduate:

01/1984 – 03/1990

Degree in Medicine (MD)

Facultad de Ciencias Médicas de la Universidad Nacional
 de La Plata, Buenos Aires, Argentina

Residency:

06/1990 – 05/1994

Medical Residency in Radiology

Children's Hospital Sor Maria Ludovica,
 La Plata, Buenos Aires, Argentina

Specialist Degree:

06/1994 – 05/1996

Specialist in Pediatric Radiology (Degree)

Instituto Universitario de Ciencias Biomédicas,
 Fundación Universitaria Dr. Rene G. Favaloro,
 Buenos Aires, Argentina.

Thesis Title: Neuro-ultrasonography of Developmental
 Abnormalities of the Central Nervous System in Newborns

Visiting Fellowships:

07/1999 – 09/1999

Visiting Fellowship in Neuroradiology

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	St. Louis Children's Hospital St. Louis, Missouri, USA (three months)
11/2000 – 11/2000	Visiting Fellowship in Neuroradiology Hospital for Sick Children Toronto, Ontario, Canada (one month)
2002 - 2003	Visiting Fellowship in Neuroradiology Fundacion para la Lucha contra Enfermedades Neurológicas de la Infancia (FLENI) Buenos Aires, Argentina
10/2005 – 10/2007	Visiting Radiologist/Observer St Louis Children Hospital St. Louis Missouri, USA
Fellowships: 07/2008 – 06/2010	Neuroradiology Mallinckrodt Institute of Radiology Washington University School of Medicine St Louis, Missouri, USA
07/2010 – 06/2011	Pediatric Radiology Mallinckrodt Institute of Radiology Washington University School of Medicine St Louis, Missouri, USA
07/2011 – 06/2013	Nuclear Medicine (Chief Resident 2012-2013) Mallinckrodt Institute of Radiology Washington University School of Medicine St Louis, Missouri, USA

Academic Positions/Employment

07/2017 – Present	Assistant Professor Nuclear Medicine Section Mallinckrodt Institute of Radiology Washington University School of Medicine St. Louis, Missouri
04/2016 – 06/2017	Instructor in Radiology Nuclear Medicine Section Mallinckrodt Institute of Radiology Washington University School of Medicine St. Louis, Missouri
12/2014 – 04/2016	Clinical Researcher Department of Energy (DOE) training grant, Mallinckrodt Institute of Radiology Washington University School of Medicine

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St. Louis, Missouri

07/2013 – 12/2013

Senior Scientist
Mallinckrodt Institute of Radiology
Washington University School of Medicine
St. Louis, MO 63130

1999 – 06/2005

Chief of Pediatric Neuroradiology
Department of Radiology
Children's Hospital Sor Maria Ludovica
La Plata, Buenos Aires, Argentina

1996 - 1999

Attending Physician in Radiology
Department of Radiology
Children's Hospital Sor Maria Ludovica
La Plata, Buenos Aires, Argentina

06/1994 – 1996

Attending Physician (Provisional) in Radiology
Department of Radiology
Children's Hospital Sor Maria Ludovica
La Plata, Buenos Aires, Argentina

University and Hospital Appointments and Committees:

04/2016-present

Attending, Division of Nuclear Medicine, Washington
University School of Medicine, St. Louis, MO

04/2019-present

Program Director, Nuclear Medicine Residency Program,
Washington University School of Medicine, St. Louis, MO

04/2016-03/2019

Assistant Program Director, Nuclear Medicine Residency
Program, Washington University School of Medicine, St.
Louis, MO

2016-present

Member, Clinical Competency Committee, Diagnostic
Radiology Residency Program, Washington University
School of Medicine, St. Louis, MO

2016-present

Member, Clinical Competency Committee, Nuclear
Medicine Residency Program, Washington University
School of Medicine, St. Louis, MO

2017-present

Medical Student Education Team, Mallinckrodt Institute of
Radiology, Washington University School of Medicine, St.
Louis, MO

2019-present

Radiology Residency Curriculum Review and Revision,
Washington University School of Medicine, St. Louis, MO

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2019-present	ACGME Radiology Residency Program Self-Study, Washington University School of Medicine, St. Louis, MO
2019-present	Developing Faculty Competencies in Assessment Group, Washington University School of Medicine, St. Louis, MO
04/2019	Nuclear Medicine Program Director's Summit, SNMMI, Baltimore, MD
2019-2020	Nuclear Medicine Committee, Society for Pediatric Radiology (SPR)
2020-2023	Continue Education Committee, Society for Nuclear Medicine and Molecular Imaging (SNMMI)
2020-present	Executive Diversity Committee (EDC), MIR Office of Diversity, Equity, and Justice, MIR, Washington University School of Medicine, St. Louis, MO

Medical Licensure and Board Certification

Medical Licensure:	07/2008	Missouri (Permanent)
Board Certification:	10/2013	American Board of Nuclear Medicine
	11/2014	American Board of Radiology
	10/2020	American Board of Nuclear Medicine (MOC)

Honors and Awards

11/2016	Cum Laude Award Electronic Education Exhibit <i>Current and Future Directions in Pediatric PET/MRI</i> MR <u>Ponisio</u> , G Khanna, J McConathy. <i>102nd Scientific Assembly and Annual Meeting of the</i> <i>Radiological Society of North America</i> November 27 – December 2, 2016
06/2018	Summa Cum Laude Education Exhibit Award <i>Simultaneous PET/MRI Neuroimaging in Pediatric</i> <i>Epilepsy: Our Experience at Mallinckrodt Institute of</i> <i>Radiology, Saint Louis, Missouri</i> M <u>Ponisio</u> , M Parsons, M Miller-Thomas, M Smyth
11/2018	Certificate of Merit Award 104 th Scientific Assembly and Annual Meeting of the Radiological Society of North America November 25 – November 30, 2018 <i>68Ga-DOTATATE PET Neuroimaging: A Case-Based</i> <i>Pictorial Review</i> Fang M. Zhu, MD, PhD, Maria R. <u>Ponisio</u> , MD

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6/2020

Finalist Posted for Award

Clinically significant incidental findings in nuclear medicine

SNMMI 2020 annual meeting

Paul-Robert Derenoncourt MD, M.R. **Ponisio, MD**

6/2021

Applications of PET/MRI in Pediatric Patients

SNMMI 2020 annual meeting

Paul-Robert Derenoncourt MD, M.R. Ponisio, MD

6/2021

Distinguished Teacher for 2020/2021 by the Mallinckrodt
Institute radiology residents

Editorial Responsibilities

Reviewer for the Following Journals:

Pediatric Radiology

European Journal of Nuclear Medicine and Molecular Imaging

OncoTargets and Therapy Journal

Journal of Pediatric Hematology and Oncology

Abstract reviewer SNMMI 2019

RSNA Case Collection

Community Service Contributions

Professional Societies and Organizations:

Society of Nuclear Medicine and Molecular Imaging

American College of Radiology

Radiological Society of North America

Sociedad Argentina de Radiologia

Major Invited Professorships and Lectureships

09/2009

Invited International Speaker

55th Argentine Congress of Radiology

Buenos Aires, Argentina

Presented Lectures:

Congenital Malformations of the Central Nervous Systems
(CNS)

Neonatal Hypoxic-Ischemic Encephalopathy: Correlation
between Ultrasound and Magnetic Resonance Imaging

Clinical Cases: Manifestations of Neuropathology in Adults
More Frequently Observed in Children

09/2010

Invited International Speaker

56th Argentine Congress of Radiology

Buenos Aires, Argentina

Presented Lectures:

Pediatric Stroke

Pediatric Spinal Lesions

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05/2017	Invited National Speaker 2017 Society for Pediatric Radiology Annual Meeting Sunrise Session Vancouver, British Columbia, Canada Presented Lectures: Pediatric PET/MRI: Current and Future Directions PET/MR in Pediatric Oncology
02/2019	Invited International Speaker XXI Congreso Internacional de Avances en Medicina Guadalajara, Mexico Presented Lectures: PET CT-MRI in Oncology: case-reviewed approach PET/MRI in pediatric oncology PET/MRI in neuro imagines: case-reviewed approach PET/MRI at Washington University in St Louis, MO
05/2019	Invited National Speaker: UTMB Diagnostic Radiology Cooley Visiting Professor Board Review lectures and noon conferences
09/2019	Invited National Speaker Epilepsy Update: 2019 Continuing Medical Education Washington University in St Louis Lecture: SPECT and PET in Epilepsy
01/2020	Invited International Speaker Neuroimaging in MRI/PET symposium Bariloche, Argentina
03/2020	Invited National Speaker High Country Nuclear Medicine Conference Sun Valley, Idaho, USA
05/2020	Invited National Speaker Annual Meeting & Postgraduate Course Society of Pediatric Radiology Miami, Florida, USA
12/2020	Invited National Speaker: UTMB Diagnostic Radiology Cooley Visiting Professor Board Review lectures and noon conferences
9/2021	Invited International Speaker Argentinean Annual Meeting of radiology, Buenos Aires Argentina.

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10/2021

International Teleconference Program

Faculty member

Use of PET-CT in alternative pathology of thorax

10/2021

Invited International Speaker

Thoracic oncology course

Federation Argentina de Asociaciones de Radiologia,

Diagnostic por imagines y Terapia Radiante (FAARDIT)

Consulting Relationships and Board Memberships

04/2014

Avid Radiopharmaceuticals, Amyvid PET imaging study

07-08/2018

Avid Radiopharmaceuticals, TAU PET imaging study

Research

Support:

Co-director, NIH/NCI Cancer Center Support P30 CA091842; “Imaging Response Assessment Core (IRAC)”, 07/01/2015 – 06/30/2020, Principal Investigator, T. Eberlein

Teaching Title and Responsibilities

2017-present

Medical student instructor in Radiology Instructor (Nuclear Medicine Section), Mallinckrodt Institute of Radiology Washington University School of Medicine

2018-present

Adult Epilepsy Fellowship Neuroimaging Elective Instructor (Nuclear Medicine Section) Washington University School of Medicine

2019-present

Residency Program Director, Division of Nuclear Medicine Washington University School of Medicine

Bibliography

Peer-Reviewed Journal Articles

1. **Ponisio R**, Bertolotti J, Unchalo F. Hypoxic-Ischemic Encephalopathy in Neonatal. Ultrasonus Clínicas 2000; 1:195-204.
2. **Ponisio R**, Bertolotti J, Unchalo F. Neonatal Hypoxic-Ischemic Encephalopathy: Achievements, Trends and Disputes. Infantile Medicine 2001; 8:37-41.
3. Agnosti MR, Azark MA, Morales JCD, Demkura H, Drut R, **Ponisio R**, Ayala SEG. Cryptococcosis of the Central Nervous System. Ludovica Pediátrica 2001; 3:135-139.

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4. Ibañez O, Ucar ME, **Ponisio MR**, Bertolotti J, Devred P, Ortega O. Ultrasound Imaging of Abdominal Pain in Henoch-Schönlein Purpura (HSP). *Sintesis Radiologica* 2003; 13:110-112.
5. Esteban M, Ferreyra ML, Brogiolo MO, Aguilar LI, Sarti MM, **Ponisio MR**. Shaken Baby Syndrome (SBS). *Ludovica Pediátrica* 2004; 6:26-33.
6. **Ponisio MR**, Esteban M, Jones M, Ucar ME, Ibañez O. Child Abuse: Appropriate Diagnosis of Endocraneal Lesions. *Sintesis Radiologica* 2005; 15:3-9.
7. An H, Ford AL, Vo K, Eldeniz C, **Ponisio R**, Zhu H, Li Y, Chen Y, Powers WJ, Lee JM, Lin W. Early changes of tissue perfusion after tissue plasminogen activator in hyperacute ischemic stroke. *Stroke* 2011; 42:65-72.
8. Ford AL, An H, D'Angelo G, **Ponisio R**, Bushard P, Vo KD, Powers WJ, Lin W, Lee JM. Preexisting Statin Use is Associated with Greater Reperfusion in Hyperacute Ischemic Stroke. *Stroke* 2011; 42:1307-13.
9. Thangarajh M, Yang G, Fuchs D, **Ponisio MR**, McKinstry RC, Jaju A, Noetzel MJ, Casella JF, Barron-Casella E, Hooper WC, Boulet SL, Bean CJ, Pyle ME, Payne AB, Driggers J, Trau HA, Vendt BA, Rodeghier M, DeBaun MR. Magnetic Resonance Angiography-defined Intracranial, Vasculopathy is Associated With Silent Cerebral Infarcts and Glucose-6-phosphate Dehydrogenase Mutation in Children with Sick Cell Anemia. *Br J Haematol* 2012; 159:352-9.
10. An H, Ford AL, Chen Y, Zhu H, **Ponisio R**, Kumar G, Modir-Shanechi A, Khoury N, Vo KD, Williams JA, Derdeyn CP, Diringner MN, Panagos P, Powers WJ, Lee JM, Lin W Defining the Ischemic Penumbra using Magnetic Resonance Oxygen Metabolic Index. *Stroke* 2015; 46:982-988.
11. **Ponisio MR**, McConathy J, Laforest R, Khanna G. Evaluation of diagnostic performance of whole body simultaneous PET/MRI in pediatric lymphoma. *Pediatric Radiology* 2016; 46:1258-68.
12. Gauvain K, **Ponisio MR**, Barone A, Grimaldi M, Parent E, Leeds H, Goyal M, Rubin J, McConathy J. ¹⁸F-FDOPA PET/MRI for monitoring early response to bevacizumab in children with recurrent brain tumors. *Neurooncol Pract*. 2018 Mar;5(1):28-36. doi: 10.1093/nop/npx008. Epub 2017 May 25. PMID: 29692922.
13. Day G, Gordon B, Jackson K, Christensen J, **Ponisio MR**, Su Y, Ances B, Benzinger T, Morris J. Tau PET binding distinguishes patients with early-stage posterior cortical atrophy from amnesic Alzheimer disease dementia. *Alzheimer Disease & Associated Disorders*: April–June 2017; 31: 87–93. doi: 10.1097/WAD.0000000000000196
14. Hassanzadeh C, Rao YJ, Chundury A, Rowe J, **Ponisio MR**, Sharma A, Miller-Thomas M, Tsien CI, Ippolito JE. Multiparametric MRI and FDG PET Imaging is a Potential Prognostic Imaging Biomarker in Recurrent Glioblastoma. *Front Oncol*. 2017 Aug 18; 7:178. PMID: 28868256
15. Day GS, Gordon BA, Jackson K, Christensen JJ, **Ponisio MR**, Su Y, Ances BM, Benzinger TLS, Morris JC Tau-PET Binding Distinguishes Patients With Early-stage Posterior Cortical Atrophy

From Amnestic Alzheimer Disease Dementia.. Alzheimer Dis Assoc Disord. 2017 Apr-Jun; 31(2):87-93. doi: 10.1097/WAD.000000000000196. PMID: 28394771

16. Choudhury N, **Ponisio MR**, McKinstry RC, Jordan LC, Rodeghier M, Pruthi S, DeBaun MR. Intracranial Vasculopathy is Associated With Cerebral Infarct Recurrence in Children With Sickle Cell Anemia, Silent Strokes, and Normal Transcranial Doppler Velocities. Accepted for publication, British Journal of Haematology, Oct 2018; 183(2):324-326. doi: 10.1111/bjh.14979. Epub 2017 Oct 26.
17. Gregory Scott Day , Brian Andrew Gordon, Richard J Perrin, Nigel J. Cairns, Helen Beaumont, Katherine Schwetie, Cole J Ferguson, Namita Sinha, Robert C Bucelli, Erik S. Musiek, Nupur Ghoshal, Maria Rosana **Ponisio**, Benjamin Vincent, Shruti Mishra, Kelley Jackson, John C. Morris, Tammie L.S. Benzinger, and Beau M Ances. In vivo [18F]-AV-1451 tau-PET imaging in sporadic Creutzfeldt-Jakob disease. Neurology Mar 2018, 90 (10) e896-e906; doi: 10.1212/WNL.0000000000005064.
18. Lori C. Jordan, Dionna O. Roberts Williams, Mark J. Rodeghier, Brittany V. Covert Greene MPH, **Maria R. Ponisio**, James F. Casella. Robert C. McKinstry, Michael J. Noetzel, Fenella J. Kirkham, Emily R. Meier, Beng Fuh, Melissa McNaul, Sharada Sarnaik, Suvankar Majumdar, Timothy L. McCavit, Michael R. DeBaun. Children with sickle cell anemia with normal transcranial Doppler ultrasounds and without silent infarcts have a low incidence of new strokes. Am J Hematol. 2018;00:1–9. <https://doi.org/10.1002/ajh.25085>
19. Deepika S. Darbari, Odianos Egbire-Molen, **Maria R. Ponisio**, Mikhail V. Milchenko, Mark J. Rodeghier, James F. Casella, Robert C. McKinstry, and Michael R. DeBaun. Progressive Loss of Brain Volume in Children with Sickle Cell Anemia and Silent Cerebral Infarct: A Report from the Silent Cerebral Infarct Transfusion (SIT) Trial. Am J Hematol. 2018 Dec;93(12):E406-E408. doi: 10.1002/ajh.25297. Epub 2018 Oct 26 PMID: 29076125
20. Choudhury NA, DeBaun MR, **Ponisio MR**, Jordan LC, Rodeghier M, Pruthi S, McKinstry RC. Intracranial vasculopathy and infarct recurrence in children with sickle cell anaemia, silent cerebral infarcts and normal transcranial Doppler velocities. Br J Haematol. 2018 Oct;183(2):324-326. doi: 10.1111/bjh.14979.
21. Darbari DS, Egbire-Molen O, **Ponisio MR**, Milchenko MV, Rodeghier MJ, Casella JF, McKinstry RC, DeBaun MR. Progressive loss of brain volume in children with sickle cell anemia and silent cerebral infarct: A report from the silent cerebral infarct transfusion trial. Am J Hematol. 2018 Dec;93(12):E406-E408. doi: 10.1002/ajh.25297. Epub 2018 Oct 26. PMID: 30264867
22. Chen, Charles; Gordon, Brian Andrew; McCullough, Austin; Zaza, Aiad; Mejias, Christopher; Dincer, Aylin; Flores, Shaney; Keefe, Sarah; Paulick, Angela; Wang, Qing; Jackson, Kelley; Koudelis, Deborah; Su, Yi; **Ponisio, Maria**; Siegel, Barry; Zhao, Peinan; Sotiras, Aristidis; Jha, Abhinav; Perrin, Richard; Morris, John; Wang, Yong; Benzinger, Tammie. Detecting tau PET positivity in Alzheimer's disease without a priori assumptions about its frequency. Submitted Brain Communications 2020
23. Maria Schwabe, Stanislav Spiridonov, Elizabeth L Yanik, Jack W Jennings, Travis Hillen, **Maria Ponisio**, Douglas J McDonald, Farrokh Dehdashti, Cara A Cipriano. How Effective Are Noninvasive Tests for Diagnosing Malignant Peripheral Nerve Sheath Tumors in Patients With

Neurofibromatosis Type 1? Diagnosing MPNST in NF1 Patients. *Sarcoma* 2019 Jul 1;2019:4627521.

24. Wang Q, Pérez-Carrillo GJG, **Ponisio MR**, LaMontagne P, Dahiya S, Marcus DS, Milchenko M, Shimony J, Liu J, Chen G, Salter A, Massoumzadeh P, Miller-Thomas MM, Rich KM, McConathy J, Benzinger TLS, Wang Y. Heterogeneity Diffusion Imaging of gliomas: Initial experience and validation. *PLoS One*. 2019 Nov 14;14(11):e0225093.
25. Darryl K Miles, **Maria R Ponisio**, Ryan Colvin, David Limbrick, Jacob K Greenberg, Celeste Brancato, Jeffrey R Leonard, Jose A Pineda. Predictors of Intracranial Hypertension in Children Undergoing ICP Monitoring After Severe Traumatic Brain Injury. *Childs Nerv Syst*. 2020 Jul;36(7):1453-1460.
26. **Maria R. Ponisio**, Jonathan E. McConathy, Sonika Dahiya, Michelle M. Miller-Thomas, Keith M. Rich, Amber Salter, Qing Wang, Pamela J. LaMontagne, Gloria J. Guzmán Pérez-Carrillo, Tammie L. S. Benzinger. Dynamic 18F-FDOPA-PET/MRI for the preoperative evaluation of gliomas: Correlation with stereotactic histopathology (article in press) *Neuro-Oncology Practice*

Invited and Review Articles

1. **Ponisio MR**, Fowler KJ, Dehdashti F. The Emerging Role of PET/MR Imaging in Gynecologic Cancers. *PET Clin*. 2016; 11:425-40.
2. **Ponisio MR**, Dehdashti F. A Role of PET Agents Beyond FDG in Gynecology. *Semin Nucl Med*. 2019 Nov;49(6):501-511.
3. **Maria R. Ponisio**, John M. Zempel, Brian K. Day, Lawrence N. Eisenman, Michelle M. Miller-Thomas, Matthew D. Smyth, R. Edward Hogan. The role of SPECT/CT and PET in epilepsy. *AJR*. Accepted: 03/ 2020

Book Chapters

1. **Ponisio MR**, Diagnostico por imagenes en el paciente neurocritico pediatrico (Diagnostic Imaging of the Pediatric Patient in the Neuro Intensive Care). In: Garcia M, ed. *Neurointensivismo Enfoque clinico, diagnostico y terapeutica (Neuro Intensive Care: Clinical Diagnostic Therapy)*. Buenos Aires, Argentina, Panamericana 2009 Chapter 63:659-668.
2. **Ponisio MR**, Iranpour P, Khanna G, McConathy J. "PET/MRI for Clinical Pediatric Oncologic Imaging", *PET/MRI in Oncology: Current Clinical Applications*: Iagaru A, Hope T, Veit-Haibach P, eds., Springer 2018, pp. 401-432.
3. Eric P. Eutsler, **Maria R. Ponisio**, Geetika Khanna, Book Chapter, "Imaging in Pediatric Orthopaedics", Lovell and Winter's *Pediatric Orthopaedics*, 8th edition. April 2020.
4. **Ponisio MR**, Benzinger Tammie. Hybrid PET/MR Neuroimaging - A Comprehensive Approach Section II. Radiotracers in Neurologic PET/MRI. **Amyloid Imaging in Dementia and Neurodegenerative Disease** (in press, 2021).

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5. **Ponisio MR**, Benzinger Tammie. Hybrid PET/MR Neuroimaging - A Comprehensive Approach Section II. Radiotracers in Neurologic **PET/MRI. FDOPA in movement disorders and neuro-oncology** (in press, 2021).
6. **Ponisio MR**, Benzinger Tammie. Hybrid PET/MR Neuroimaging - A Comprehensive Approach Section II. Radiotracers in Neurologic PET/MRI. **TAU in dementias** (2021, in press).

Abstracts

1. **Ponisio MR**, Ferrari CM, Bertolotti JJ. Developmental Abnormalities of the Central Nervous System Detected by Ultrasound in Neonatal Intensive Care Unit (NICU) 42th Argentine Congress of Radiology, 1996.
2. **Ponisio MR**, Bertolotti JJ, Climent, GV, Constantino D, Schwerwenzel S. Head Trauma in the Neonatal Period, Ultrasound vs Computed Tomography, 8th Congress of the World Federation for Ultrasound in Medicine and Biology, Buenos Aires, Argentina, 1997.
3. **Ponisio R**, Begna D, Tadaro N, Saleme M, Pltzer C, Jaluf G, De La Rosa. Evaluation of the Traumatic Coma Data Bank Computed Tomography Classification in Pediatric Cranioencephalic Trauma. Argentine Congress of Radiology, Buenos Aires, Argentina, 1999.
4. Ucar ME, **Ponisio MR**, Ibanez OJ, Gatti MC, Ferrari CM, Berolotti JJ. Niemann Pick Disease and HRCT of the Lungs, International Pediatric Radiology Meeting, Paris, France, 2001.
5. **Ponisio R**, Ucar ME, Ibanez O. Cerebral Venous Thrombosis in Children. 49th Argentine Congress of Radiology, 2003.
6. Ucar ME, **Ponisio MR**, Ibanez O, Fernandez R, Gomez S, Fynn A. Pulmonary Mycosis in Pediatric Patients with Hematologic Immune Deficiency: Value of HRCT. 51st Argentine Congress of Radiology, 2005.
7. Pineda J, Capers C, **Ponisio MR**, Leonard J. CT Classification to Guide Therapeutic Intervention and Outcome Prediction in Children with Severe Traumatic Brain Injury The Second Joint Symposium of the International and National Neurotrauma Societies, Santa Barbara, California, USA, 2009.
8. Lucero M, **Ponisio MR**, Herrero M. Merosin-Positive Congenital Muscular Dystrophy 53rd Argentine Congress of Neurology, Buenos Aires, Argentina, 2006.
9. Ford AL, An H, **Ponisio MR**, Vo KD, Derdeyn CP; Powers WJ, Lin W, Lee J. Oxygen Metabolic Index Predicts Gray Matter Infarction Better Than Apparent Diffusion Coefficient and Mean Transit Time During Hyper-Acute Ischemic Stroke International Stroke Conference, February 2010, San Antonio, Texas, USA, 2010.
10. **Ponisio MR**, Fischer KC, Khanna G, Rajderkar D. The Role of Multimodality Imaging in the Diagnosis, Staging and Treatment Monitoring of Nasopharyngeal Carcinomas in the Pediatric Population, American Society of Neuroradiology 50th Annual Meeting, New York, New York, USA, 2012.

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11. **Ponisio MR**, McKinstry RC. Neonatal Hypoxic-ischemic Encephalopathy: Comparison Between Cranial Ultrasound and Magnetic Resonance Performed Within a 24-hour Interval, Scientific Exhibit, Society for Pediatric Radiology 55th Annual Meeting, San Francisco, California, USA, 2012.
12. Rubin B, Su Y, McConathy J, Blazey T, **Ponisio R**, Weng J, Hornbeck R, Fagan A, Xiong C, Morris J, Benzinger T. How Do We Define Amyloid Positivity In Asymptomatic Population? Comparison of CSF, Quantitative PET Clinical PET Examination Oral Sessions: Normal Aging and Early Detection of Alzheimer's disease. Alzheimer's Association International Conference, Boston, MA, USA, 2013.
13. Eigbire-Molen O, Darbari DS, **Ponisio MR**, Milchenko MV, Rodeghier MJ, Casella JF, McKinstry R, DeBaun MR. Progressive Loss of Brain Volume in Children with Sickle Cell Anemia: A Report from the Silent Cerebral Infarct Transfusion Trial Cohort. 57th American Society of Hematology, 2015.
14. **Ponisio MR**, McConathy JE, Laforest R, Woodard PK, Khanna G. Whole Body Simultaneous FDG-PET/MR for Pediatric Lymphoma: Initial Experience. Radiological Society of North America 101st Annual meeting (RSNA), Chicago, IL, USA, 2015.
15. McConathy J, **Ponisio MR**, Parent E. FDOPA-PET/MRI for Recurrent Pediatric Brain Tumors: Initial Results. Society of Nuclear Medicine and Molecular Imaging 62nd Annual Meeting in Baltimore, MD, USA, 2015.
16. **Ponisio MR**, McConathy J, Khanna G. Current and Future Directions in Pediatric PET/MRI. Radiological Society of North America 102nd Annual meeting (RSNA), Chicago, IL, USA, RSNA, 2016.
17. Gauvain K, Barone A, Grimaldi M, Parent E, **Ponisio M**, Leeds HS, Rubin JB, McConathy JM. ¹⁸F-FDOPA-PET/MRI for recurrent pediatric brain tumors, International Symposium on Pediatric Neuro-Oncology (ISPNO 2016). Liverpool Convention Center, Liverpool, United Kingdom, 2016.
18. Spiridonov S, **Ponisio MR**, Schwabe M, McDonald D, Cipriano C, Dehdashti D. Diagnosing Malignant Peripheral Nerve Sheath Tumors in Patients with Neurofibromatosis Type-1. Siteman Cancer Center Oncologic Imaging Research Program, 2016.
19. Wang Q, **Ponisio MR**, Benzinger, T. Quantitative definition of tumor heterogeneity using diffusion basis spectrum imaging with extended isotropic spectrum. ISMRM 24th Annual Meeting, 2016.
20. Gordon B, Morris J, Benzinger T, Ances B, Su Y, **Ponisio MR**, Christensen J, Jackson K. In vivo quantification of regional tau and β -amyloid deposition in progressive posterior cortical dysfunction due to Alzheimer disease has been accepted for a poster discussion presentation at the American Academy of Neurology 69th Annual Meeting, April 22 to April 28, 2017 in Boston, MA, 2017.

21. Guzman, G, Benzinger Tammie, Wang Y, Wang Q, **Ponisio MR**, LaMontagne P, Song SK, Dahiya S, McConathy J. Diffusion Basis Spectrum Imaging with Extended Isotropic Spectrum (DBSI-EIS): Initial Experience in the Evaluation of Gliomas. ASNR 55th Annual Meeting, April 22 – 27, 2017, Long Beach, CA, 2017.
22. Gregory S Day, Brian A Gordon, Kelley Jackson, Jon Christensen, **Maria R Ponisio**, Yi Su, Beau M Ances, Tammie LS Benzinger and John C Morris. In vivo quantification of regional tau and β -amyloid deposition in progressive posterior cortical dysfunction due to Alzheimer disease. Poster Discussion Session. Neurology April 18, 2017 vol. 88 no. 16 Supplement P6.103.
23. Vanessa Sanders, **Maria Rosana Ponisio**, Katie Fowler, Geetika Khana, Farrokh Dehdashti, Joyce Mhlanga. FDG-PET/MRI in Pediatric Solid Organ Malignancies: A single center experience. PET/MRI ISMRM workshop, Chicago, Illinois. October 2017.
24. Fang Zhu, **Maria Rosana Ponisio**. ⁶⁸Ga-DOTATATE PET neuroimaging: A case based pictorial review. RSNA, Chicago, Illinois November, 2018
25. Fang Zhu, **Maria Rosana Ponisio**. ⁶⁸Ga-DOTATATE PET neuroimaging: A case based pictorial review. Mallinckrodt Institute of Radiology Research Symposium Poster Session, St Louis, Missouri, March 2019
26. Vanessa Sanders, Geetika Khanna, Dominique Fuse, Joyce Mhlanga, **Maria Rosana Ponisio**. Impact of Diffusion-weighted Sequences in 18F-FDG PET/MR Whole-body Pediatric Oncologic Imaging Added Value with Added Time?. The Society for Pediatric Radiology Annual Meeting, San Francisco, May 2019.
27. Ada Uzo-Okereke, Ed Hogan, **Maria Rosana Ponisio**, Brain Day. FDG-PET Hypometabolism Changes after Intracranial Grid and Strip Placement. Poster presentation at the American Neurological Association October 13-15, 2019 at St. Louis Grand Hotel, St. Louis, Missouri.
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